

-1/5-

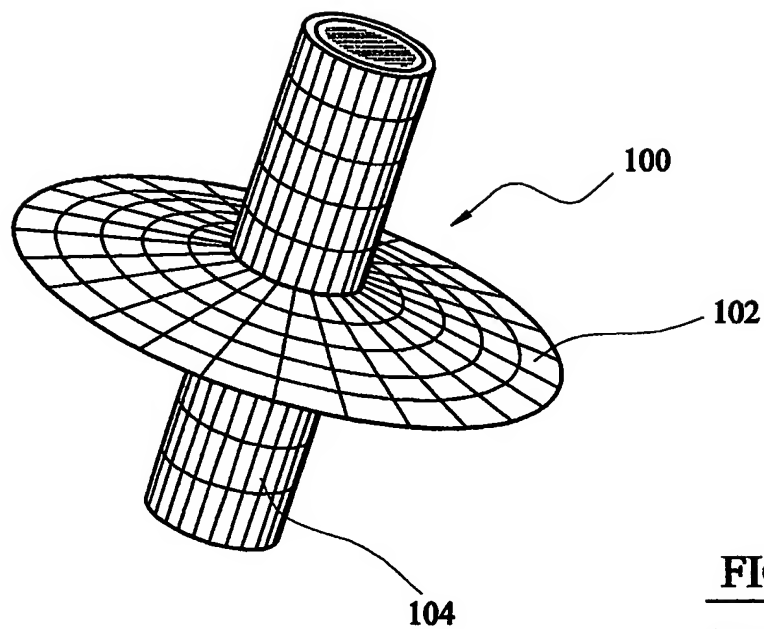


FIG. 1
(PRIOR ART)

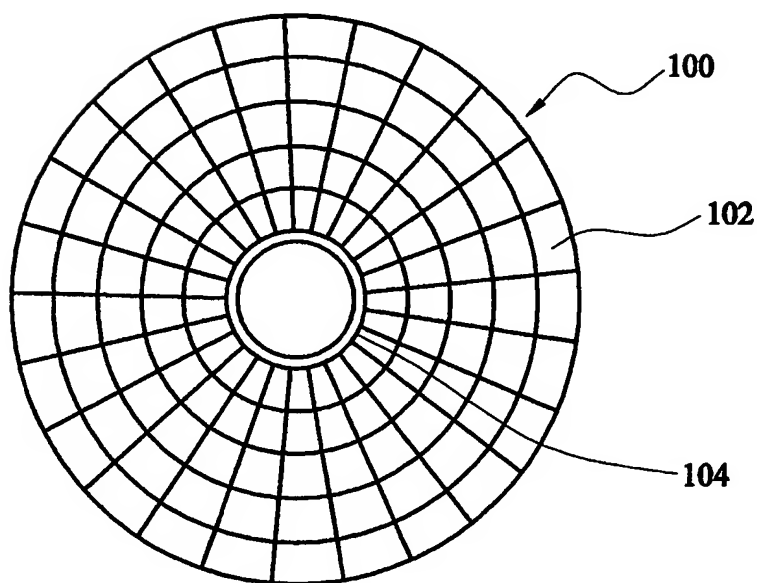


FIG. 2
(PRIOR ART)

-2/5-

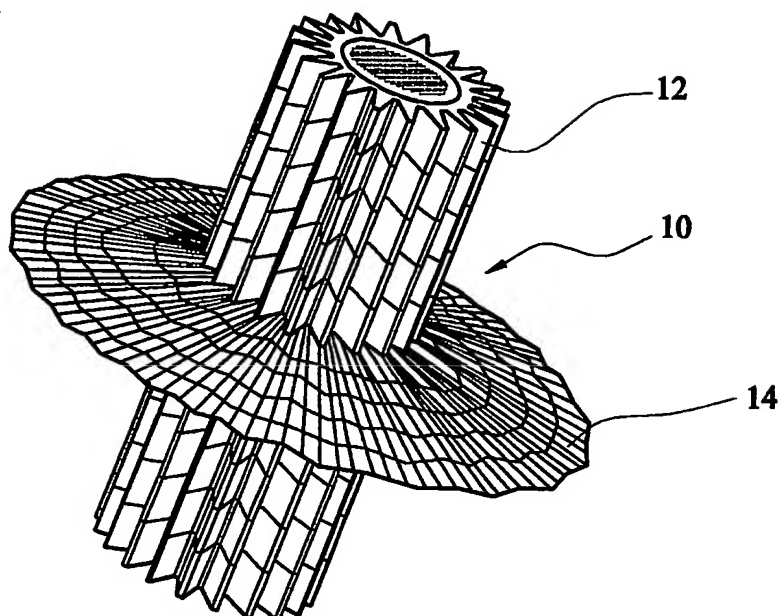


FIG. 3

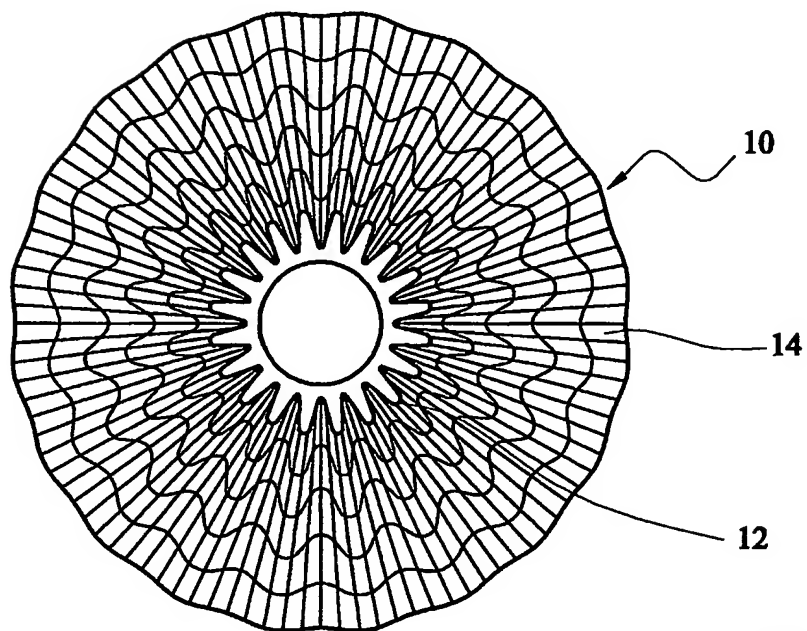
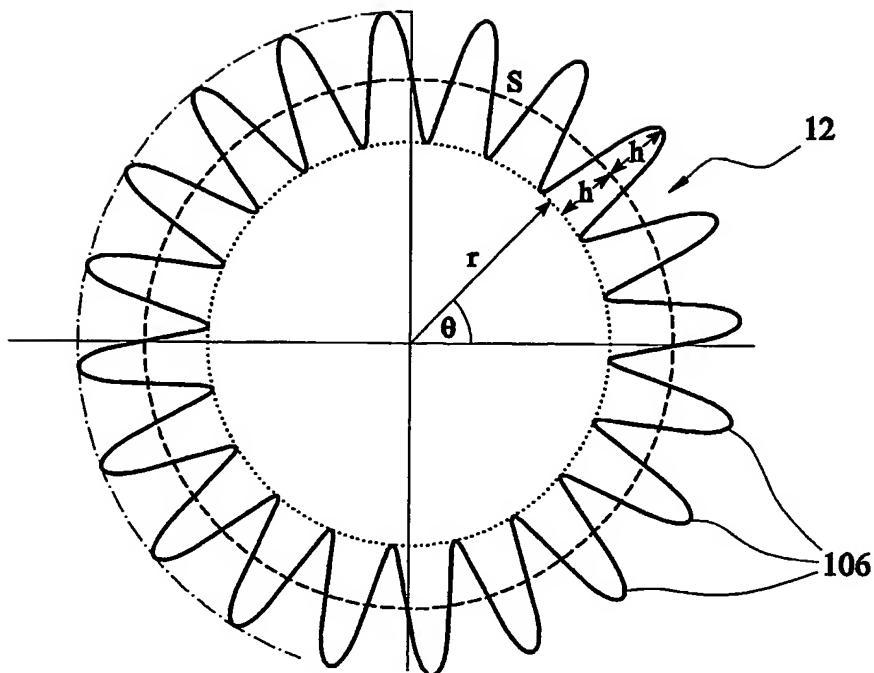


FIG. 4

-3/5-



where: S = total circumferential length
 θ = angular distance around insulator from given starting point
 r = radius of insulator at any point (based on existing insulator design)
 h = amplitude of flute at given radius
 and the number of flutes is designated "N"

FIG. 5

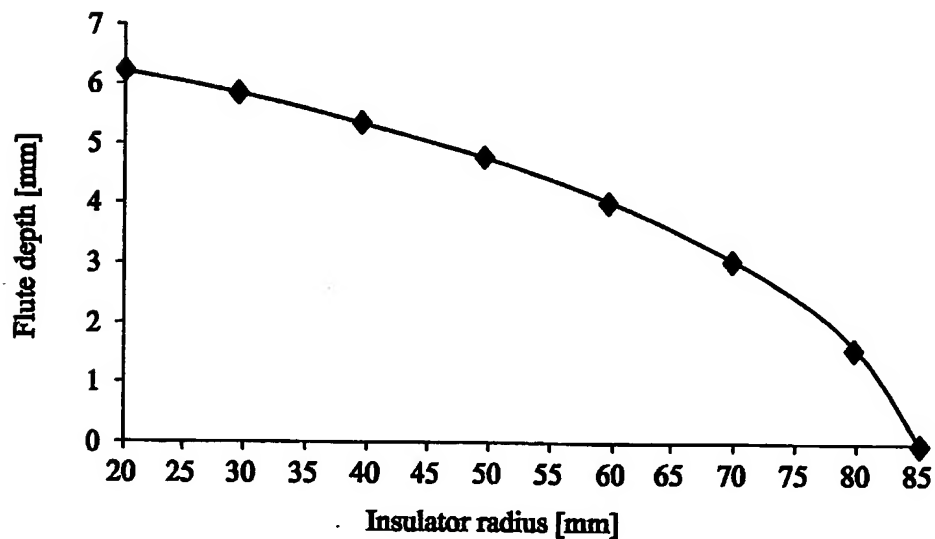


FIG. 6

-4/5-

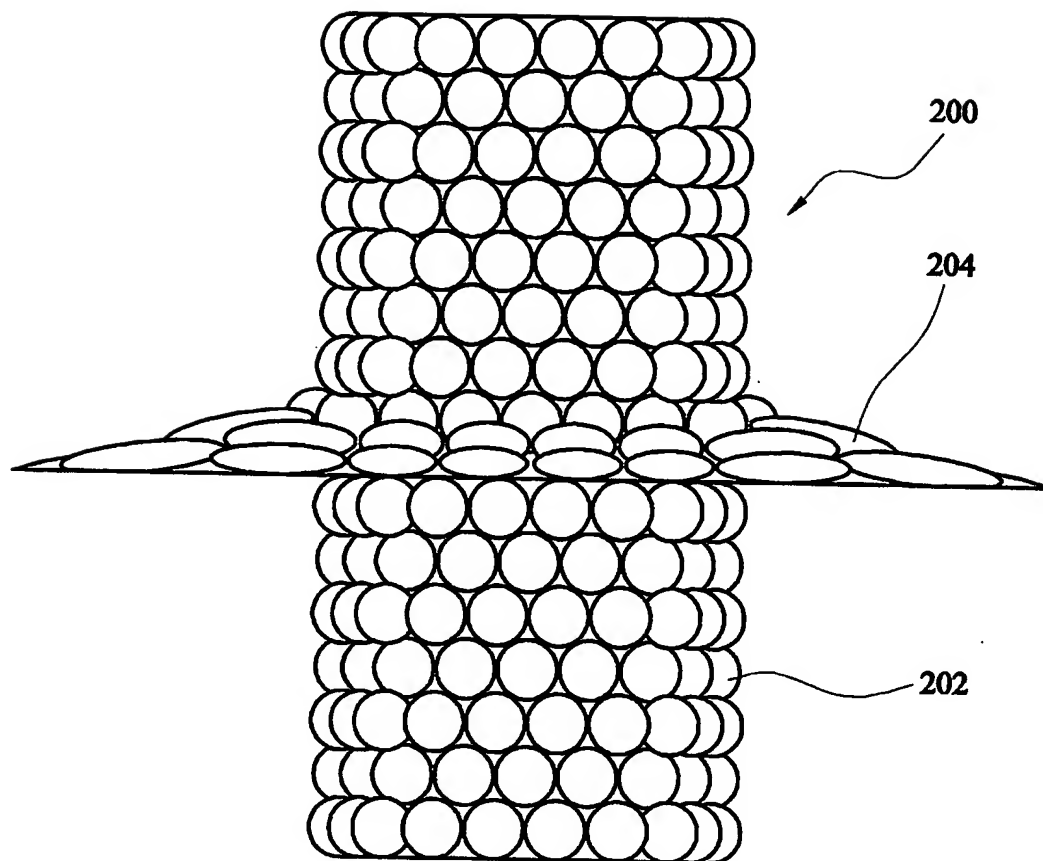


FIG. 7

-5/5-

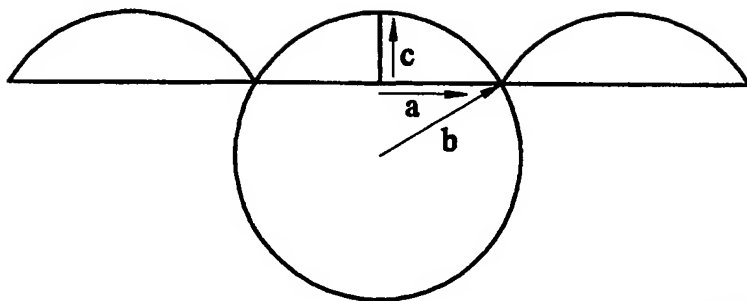


FIG. 8

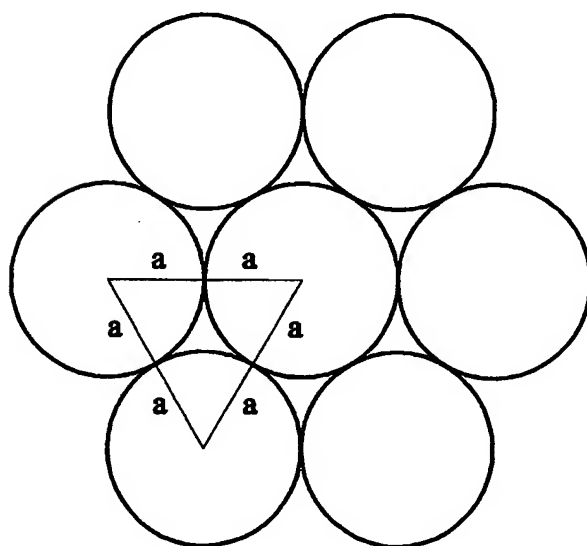


FIG. 9

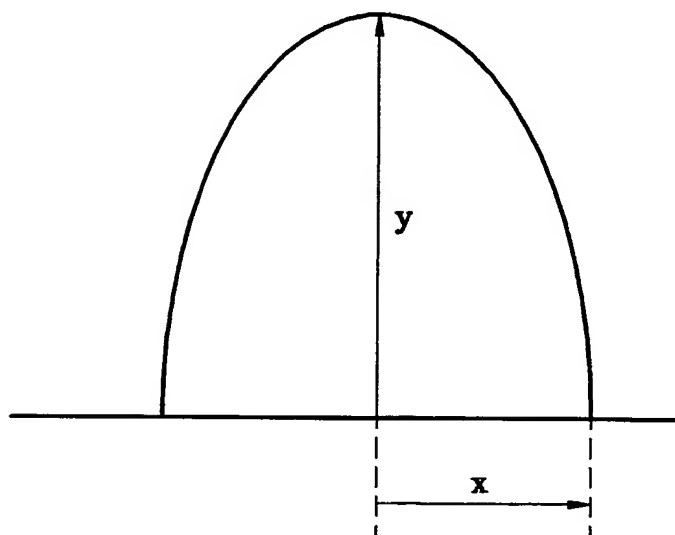


FIG. 10